

02/09/00  
15585 U.S. PTO

PTO/SB/05 (Modified)

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

8AC4-DIV1

First Named Inventor or  
Application Identifier:

Mills

Title: DOPED THERMIONIC CATHODE AND METHOD OF MAKING THE  
DOPED THERMIONIC CATHODE

09/501621  
00/69/20  
15585 U.S. PTO

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent  
application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form
2. ☒ Specification, Claims & Abstract ..... [ Total Pages: 257 ]
3. ☒ Drawing(s) (35 USC 113) ..... [ Total Sheets: 89 ]
4. ☒ Oath or Declaration ..... [ Total Pages: 3 ]
  - a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☒ Incorporation by Reference (usable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ Microfiche Computer Program (Appendix)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
14. ☒ Small Entity Statement(s) ☒ Statement filed in prior application, status still proper and desired.
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09 /111,003

## 18. CORRESPONDENCE ADDRESS

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Jeffrey S. Melcher  
CUSTOMER NO.: 20736

Name (Type)

Jeffrey S. Melcher

Registration No.  
(Att./Agent)

35,950

Signature

Date

February 9, 2000

**NEW APPLICATION  
FEE TRANSMITTAL**

Attorney Docket No.

8AC4-DIV1

Application Number

Filing Date

February 9, 2000

AMOUNT ENCLOSED

\$2,604

First Named Inventor

Mills

**FEE CALCULATION** (fees effective 10/01/97)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALC.'S
	TOTAL CLAIMS	271 - 20 =	251	X \$ 18.00 =	4,518
	INDEPENDENT CLAIMS	2 - 3 =	0	X \$ 78.00 =	
	MULTIPLE DEPENDENT CLAIMS (any number; if applicable)			+ \$270.00 =	
				<b>BASIC FILING FEE</b>	690
				Total of above Calculations =	5,208
	Surcharge for late filing fee, Statement or Power of Attorney (\$130.00)				+
	Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27 & 1.28).				2,604
				<b>TOTAL FILING FEE =</b>	\$
	Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d))				+
	Recordation of Assignment (\$40.00; 37 CFR 1.21(h)(1))				
				<b>TOTAL FEES DUE =</b>	\$2,604

**METHOD OF PAYMENT**

- ☒ Check enclosed as payment.
- ☐ Charge "TOTAL FEES DUE" to the Deposit Account No., below.
- ☐ No payment is enclosed and no charges to the Deposit Account are authorized at this time.

**GENERAL AUTHORIZATION**

- ☒ If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to:

Deposit Account No.

50-0687

Order No. : 62-226

Deposit Account Name

FARKAS &amp; MANELLI

- ☒ The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC § 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(b)) to maintain pendency hereof or of any such related application.

**SUBMITTED BY: FARKAS & MANELLI, PLLC**

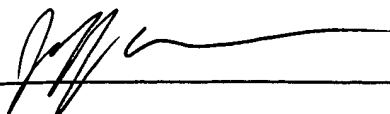
Typed Name

Jeffrey S. Melcher

Reg. No.

35,950

Signature



Date

February 9, 2000